Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Wednesday 06 Jan 2021 until 23:59 on Thursday 07 Jan 2021

Forecast Issued on Wednesday 06 Jan 2021 at 02:29

Confidence: High for cold conditions to continue for the next few days. The main uncertainty will be low cloud amounts on Wednesday, then the timing and intensity of snow arriving late on Thursday.

Headline for Wednesday 06 Jan 2021: Wintry showers easing with sunny spells developing. Winds easing.

Mountain weather hazards on Wednesday 06 Jan 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light snow	Cloudy	Cloudy	Sunny intervals	Partly cloudy (night)	Clear night
Precipitation probability					
60%	30%	30%	20%	10%	<05%

Forecast for Wednesday 06 Jan 2021

Weather: A cloudy morning with a few sleet or snow showers across eastern hills. Showers will die away through the afternoon to become increasingly bright, with sunny spells developing. Remaining dry and clear for the evening but some valley fog patches and a widespread frost developing.

Chance of cloud free mountain/hill tops above 600m: 20% through the morning but increasing to 80% during the afternoon, and further by evening.

Visibility: Poor at first, with neighbouring hills often obscured by cloud as low as 550m, but improving to become good in the afternoon, with intermediate hills widely visible. Patchy valley fog in evening.

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Forecast for Wednesday 06 Jan 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	16/20 NE	15/20 NE	12/16 NE	10/13 NE	9/13 N	8/12 N	7/10 N
300	11/16 NE	9/14 NE	9/13 NE	7/11 NE	6/9 NE	6/9 NE	4/5 NW
Valley	7/17 NE	6/15 NE	7/13 NE	4/11 NE	5/12 NE	4/10 NE	2/5 NW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-2/-8	-2/-8	-2/-7	-2/-6	-2/-7	-3/-7	-3/-7
300	0/-5	0/-4	1/-3	1/-2	0/-3	-1/-4	-1/-4
Valley	1/-3	1/-3	2/-1	2/-1	-0/-3	-1/-3	-2/-4
Freezing Level*	300m	300m	300m	400m	200m	100m	100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A severe wind chill at height, particularly in the morning, but winds easing in the afternoon.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Wed 06 Jan 2021	0.4mm	0.6mm	2.8mm

Forecast for Thursday 07 Jan 2021

Weather: Dry with clear spells and freezing fog patches overnight. A dry and bright morning but cloud thickening in the afternoon with outbreaks of mainly light snow arriving from the north around late afternoon or early evening. Some uncertainty in the timings.

Maximum wind: West or NW 10-15mph.

Chance of cloud free mountain/hill tops above 600m: 80% overnight and morning, becoming 10% later as outbreaks of snow arrive.

Visibility: Mainly excellent in morning and early afternoon but patchy valley fog will be slow to clear. Turning very poor at most elevations late afternoon or early evening. Low cloud developing above 300 or 400m.

Temperature: **Valleys:** Minus 4 or 5C rising to Plus 2 or 3C.
At 600m: Minus 2C.
Freezing level: Ground mainly frozen down to valley level.

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